

# FNTB Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16731a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P49356</a>
<b>Other Accession</b>	<a href="#">Q02293</a> , <a href="#">P49355</a> , <a href="#">NP_002019.1</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Bovine, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB36262
<b>Calculated MW</b>	48774
<b>Antigen Region</b>	12-40

## Additional Information

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<b>Gene ID</b>	100529261;2342
<b>Other Names</b>	Protein farnesyltransferase subunit beta, FTase-beta, CAAX farnesyltransferase subunit beta, Ras proteins prenyltransferase subunit beta, FNTB
<b>Target/Specificity</b>	This FNTB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human FNTB.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	FNTB Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	FNTB
<b>Function</b>	Essential subunit of the farnesyltransferase complex. Catalyzes the transfer

of a farnesyl moiety from farnesyl diphosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X.

## Background

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FNTB Catalyzes the transfer of a farnesyl moiety from farnesyl pyrophosphate to a cysteine at the fourth position from the C-terminus of several proteins. The beta subunit is responsible for peptide-binding.

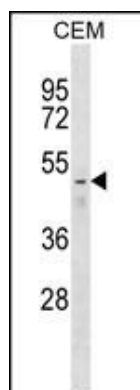
## References

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Fontaine-Bisson, B., et al. J. Mol. Med. (2009) In press :  
Zhou, J., et al. J. Biol. Chem. 284(15):9648-9655(2009)  
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :  
Olsen, J.V., et al. Cell 127(3):635-648(2006)

## Images

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FNTB Antibody (N-term) (Cat. #AP16731a) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the FNTB antibody detected the FNTB protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.